操作手冊

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1. 一般規格

1.1 前言

WP-T610 一聯式熱感印表機設計之用途適用於 ECR 系統，電子零件，電腦設備週邊，廚房印表機等等。

1.2 特性說明

1). 掌型熱感印表機.
2). RS-232C 介面.
3). 指令控制相容於 ESC/POS.
4). 資料緩衝器容量大約 4 Kbytes, 列印中可收集資料.
5). 內含 24 x24 dots 字型，可選擇中文，韓文，日文 及泰
6). 兩個錢櫃輸出.
7). 價廉物美
8). 圖片及條碼列印功能

1.3 配組件名稱及功能

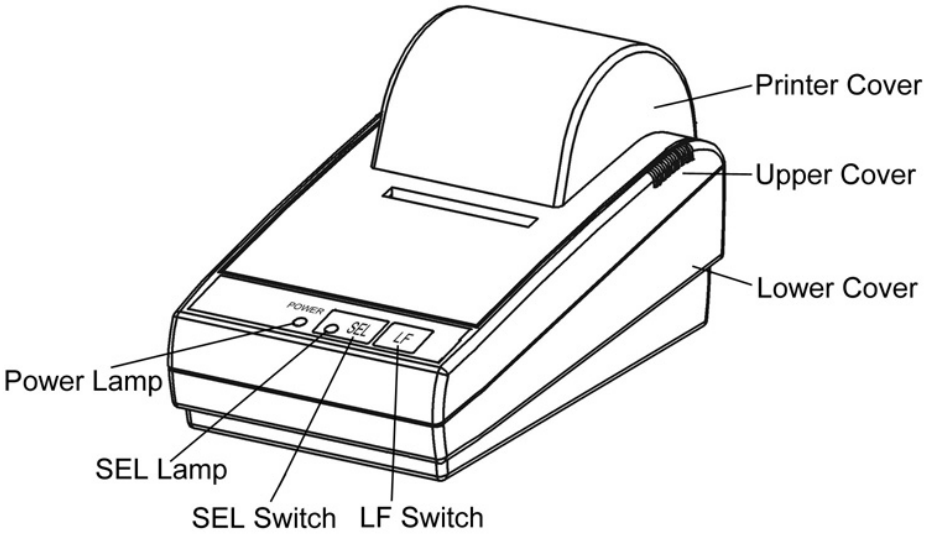
以下配件同印表機一起包裝，請確認。.

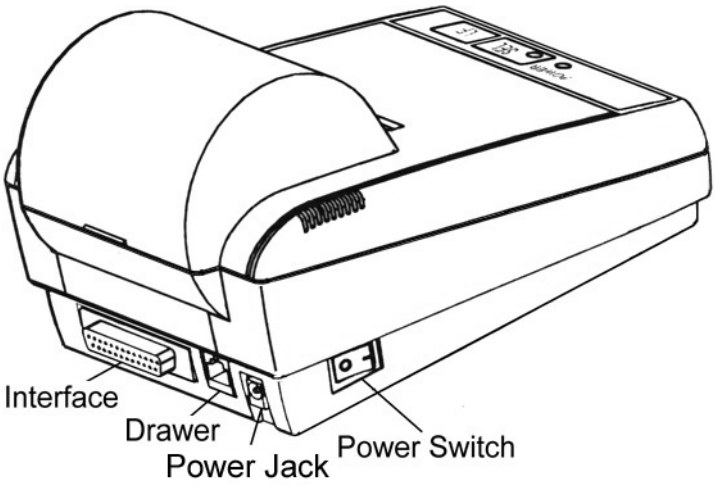
紙捲	(1 捲)
電源供應器	(1 組)
操作手冊	(1 本)
RS-232C 傳輸線 或	(1 組)
Parallel 傳輸線	(1 組)

2. 主要規格

項目		描述
1	列印方式	熱感式列印
2	列印速度	約 50 mm/秒
3	行數	32 行
4	字型結構	12x24 (英數字字型), 24x24 (中文字型)
5	送紙間距	1/6 吋 (4.23mm)
6	感應器	紙即將耗盡, 沒紙, 上蓋未蓋
7	紙張	熱感用單紙 紙捲 57.5 ± 0.5 (寬) x 60 or 80 (D 直徑) mm
8	圖形	可列印圖形功能
9	條碼	標準條碼讀取功能，可另有更改需求
10	壽命	6,000,000 行
11	電源	24VDC / 1.75A .
12	介面	RS-232C
13	重量	Approx. 400g
14	外部尺寸	122(W) x 200(D) x 117(H)mm
15	操作溫度	0 to 40℃
16	儲存溫度.	-20 to 60℃
17	SRAM 記憶體	128 KB
18	FLASH 記憶體	512 KB

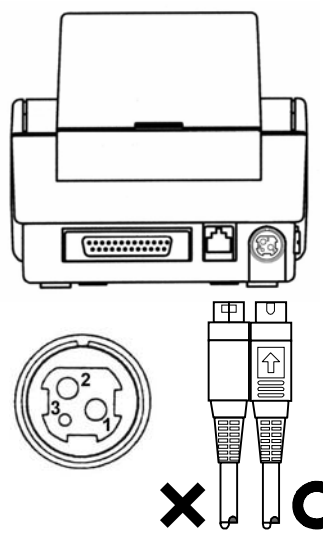
3. 外觀及部分功能說明


Printer Cover
Upper Cover
Lower Cover
POWER
SEL
LF
Power Lamp
SEL Lamp
SEL Switch
LF Switch


Interface
Drawer
Power Jack
Power Switch

4. 操作

4.1 電源連接



(1) 確認電源開關爲關閉.

(2) 插入電源供應器至印表機插座.

(3) 將電源供應器插至適當的電壓供應座。

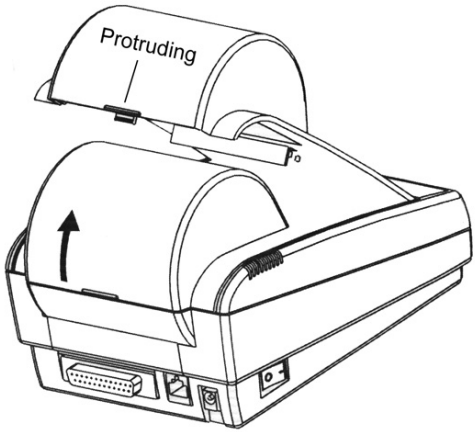
(4) 接腳規格如下表

Pin 號碼	訊號名稱
1	+24VDC
2	GND
3	NC
Shell	Frame GND

4.2 設定印表機上蓋

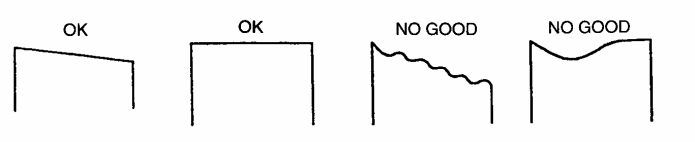
(1) 將上蓋往上，朝伸出的部分引進印表體的插孔方向.

(2) .將上蓋往下壓直到插入孔中



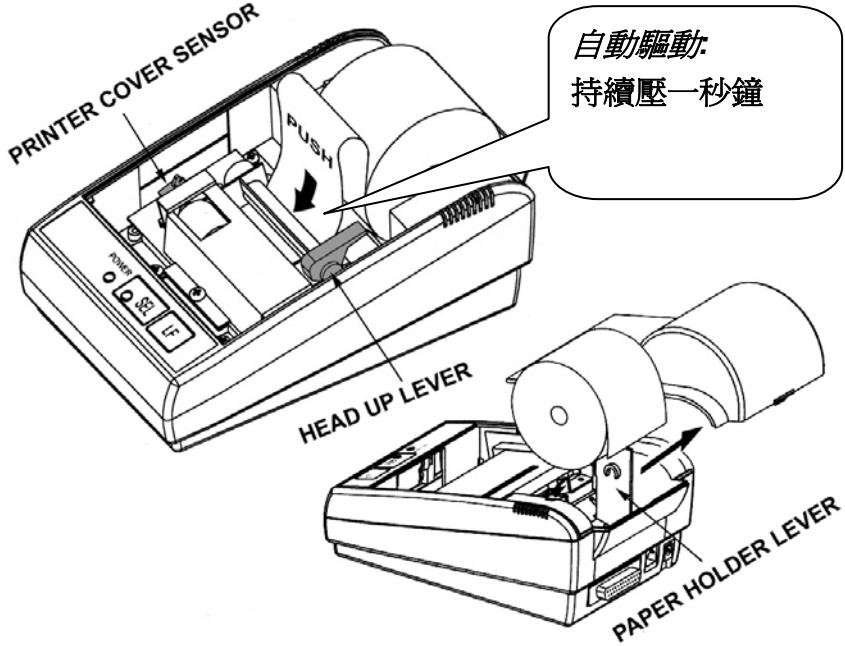
4.3 設定紙張

(1) 打開上蓋。
(2) 確認紙張之後端。
(3) 確認紙捲方向(如圖)是正確。
(4) 將紙捲後端往機心印表頭塞入，大約一秒鐘機器會自動驅動送紙。.
(5) 紙張會沿著機心運轉往出口右上方向送紙.



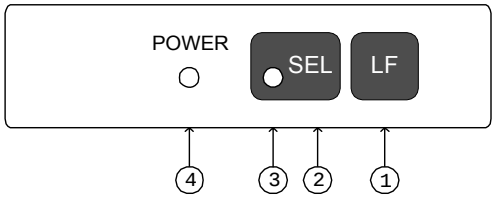
注意:

如紙張插入斜面或定位錯誤，將會使紙張卡住。若發生此情況，立刻關閉電源，將機心印表頭拉住，輕輕的把紙張往上拉出來。



5. 控制板

5-1. 基本操作



1. LF 進紙按鈕.
2. SEL 選擇按鈕
   無操作.
3. SEL 指示燈(黃燈)
   - 當紙即將用完燈會亮, 準備安裝新紙捲.
   - 當上蓋沒蓋好會產生出現閃燈.
   - 當紙已用完會產生閃燈及”嗶” 聲 5 聲。

閃燈時序圖如下

印表機狀態	閃光圖樣
紙即將用畢	ON OFF
紙已用畢或印表上蓋	ON OFF 500 ms

Table 5-1. SEL 顯示燈

4. POWER 指示燈 (綠色 LED)
   - 燈亮表示電源正常.
   - 當進入自我測試狀況會產生閃亮燈

閃燈時序圖如下

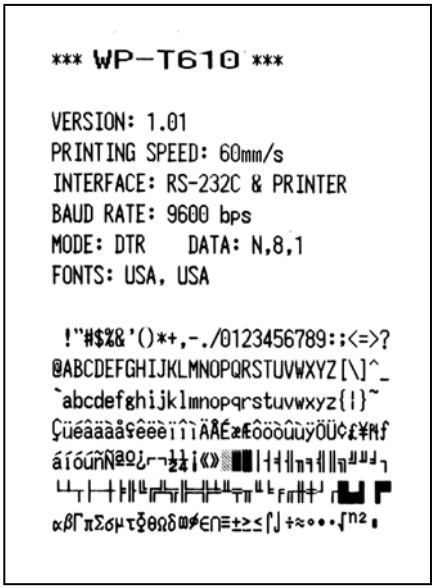
印表機狀態	閃光圖樣
電源 開	ON OFF
自我測試	ON OFF 500 ms

Table 5-2. POWER 顯示燈

5-2. 開關操作 (搭配指撥開關 (DIP Switches))

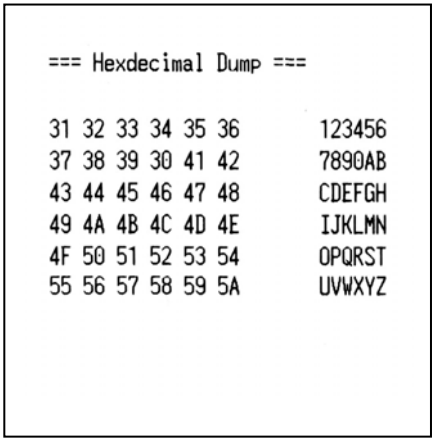
1.自我列印測試

LF + **開啓電源** (按住 LF 按鈕,同時開啓電源會產生短聲”嗶” 聲.) 自我測試會列出的內容如版本,DIP switches 設定,及字形 等等(參考右圖),若再按 LF 按鈕,再次列印。若欲取消此功能，必須完全關閉電源。



2. 十六進制測試模式

SEL + 打開電源 (按著 SEL 鍵並打開電源會產生”嗶” 短聲) 所有從電腦傳送到印表機的訊號會被列印爲十六進制碼的格式，此資料可用來檢查使用系統所傳送的資料正確與否。



6. 介面規格

串口(RS232)與並口(Parallel)使用同一介面.

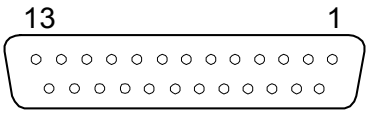
6.1 串口(RS232)介面規格

6.1.1 規格 (與 RS-232C 一致)

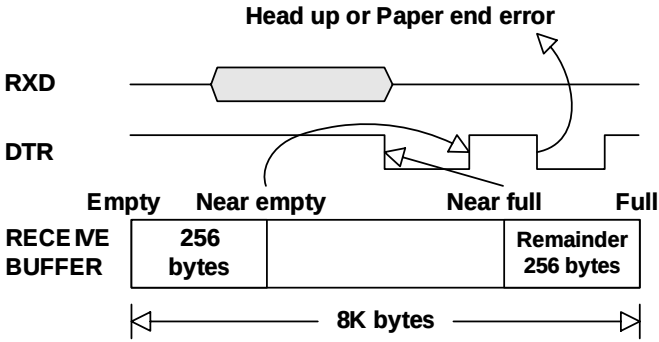
同步系統 : 非同步系統
連接 : DTR/DSR control
傳輸率 : 4800,9600,19200,38400 (參 5-3 章)
資料長度 : 固定 8 bit 長度
同等 : None

6.1.2 Pin 接腳

No.	訊號名稱	I/O	訊號名稱
25	RXD	輸入	資料接受
24	TXD	輸出	傳送資料
23	DTR	輸出	終點資料準備
22	DSR	輸入	設定資料準備
21	GND	-	地訊號



6.1.3 時間圖



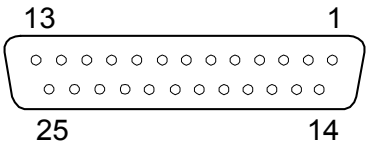
6.2 並口介面規格

6.2.1 規格 (與 Centronics 一致)

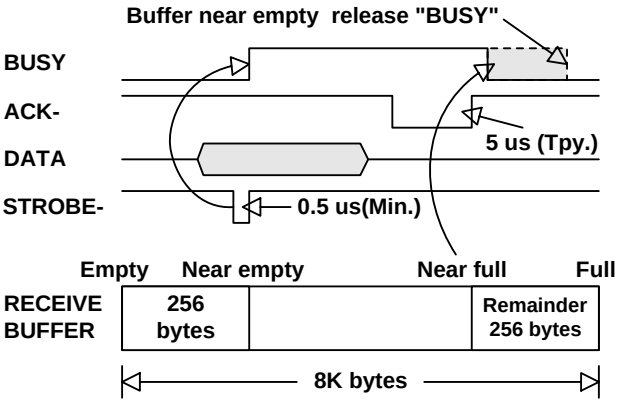
資料傳送格式 : 8-bit 並口
同步系統 : 依照脈衝閃亮
連接 : 依照訊號忙碌
訊號等級 : TTL 等級

6.2.2 Pin 接腳

No.	訊號名稱	I/O	描述
1	STB-	輸入	脈衝訊號
2~9	DATA 1~8	輸入	資料輸入
10	ACK-	輸出	要求下一個資料
11	BUSY	輸出	忙碌處理中
12	PE	輸出	紙用盡
15	FAULT-	輸出	印表機錯誤
17	RESET-	輸入	重新開機
18~21	GND	---	地訊號



6.2.3 時間圖



7. 錢櫃輸出連結

7.1 規格

(1) 資料傳輸系統

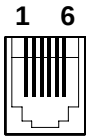
脈衝指定“ESC p” 爲連結的輸出.主機會確認輸入訊號的身分，使用 “ESC u” 指令.

(2) 電流特徵

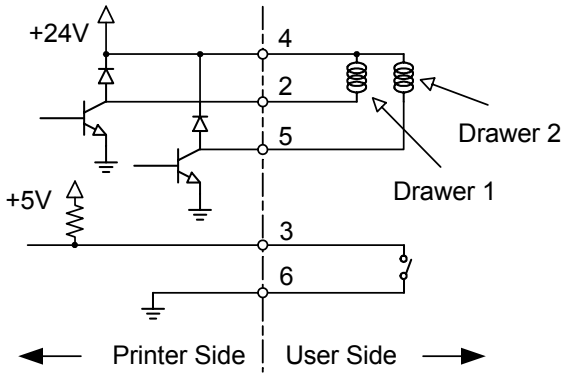
1. 電壓 : DC 24V
2. 即使電 : 0.8A 最大 (必須 510 ms 內)
3. 切換訊號 : 訊號等級 “L” = 0 to 0.5V
   “H” = 3 to 5V

7.2 Pin 接腳連接

編號	訊號名稱	I/O
1	NC (正常關閉)	-
2	錢櫃輸出 1	輸出
3	錢櫃 開/關 訊號	輸入
4	+24V	-
5	錢櫃輸出 2	輸出
6	GND 訊號	-



7.3 電路圖



8. 控制碼

8.1 指令描述

每頁重點

指令

[Name]	指令名稱.
[Format]	<>H 標示十六進制, <> 標示 十進制, [ ]k 標示 k 次重複控制碼及頻率.
[Range]	提共範圍設定碼及資料.
[Description]	解釋指令功能
[Complement]	特殊補充
[Note]	提共設定及使用印表機指令的資訊，若有需要.

8.2 控制碼

指令	碼	名稱及描述
HT	<09>H	Execute the horizontal tab.
LF	<0A>H	Print and line feed.
CR	<0D>H	Carriage return
ESC @	<1B>H<40>H	Initialization of printer
ESC SP	<1B>H<20>H	Set right spacing of character.
ESC d	<1B>H< 64>H	Print and feed n lines
ESC !	<1B>H<21>H	Set print mode collectively
ESC E	<1B>H<44>H	Specifying/releasing of the highlighting
ESC G	<1B>H<47>H	Specifying/releasing of the double printing
ESC 2	<1B>H<32>H	Setting of the 1/6 inch line feed spacing
ESC 3	<1B>H<33>H	Setting of the line feeding amount in
ESC J	<1B>H<4A>H	Printing and paper feeding in minimum
ESC v	<1B>H<76>H	Send of paper status
ESC n 0	<1B>H<75>H<30>H	Send of the drawer status
ESC R	<1B>H<52>H	Select of international characters
ESC t	<1B>H<74>H	Select the character code table
ESC a	<1B>H<61>H	Select of printing position justification
ESC p	<1B>H<70>H	Drawer kick-out
ESC *	<1B>H<2A>H	Specifying of bit image mode
GS *	<1D>H<2A>H	Defined of the downloading/ bit image
GS /	<1D>H<2F>H	Printing of the downloading/ bit image
GS k	<1D>H<6B>H	Bar code printing
GS w	<1D>H<77>H	Selection of Bar code width
GS h	<1D>H<68>H	Selection of Bar code height

HT

[Name]	Horizontal tab
[Format]	< 09 >H
[Range]	Move starting position to next horizontal tab position.
[Note]	This command is ignored when next horizontal tab position isn't set.

LF

[Name]	Print and line feed
[Format]	< 0A >H
[Description]	Prints the data of in the buffer and feed one line of paper. Only line feed is executed when ahead of print data is absent.

CR

[Name]	Carriage return
[Format]	<0D>H
[Description]	Set the print starting position to the beginning of line.

ESC @

[Name]	Initialize printer
[Format]	<1B>H<40>H
[Description]	Clears the data in the printer buffer and resets the print mode (Default state).

ESC SP *n*

[Name]	Setting of character right spacing.
[Format]	<1B>H<20>H<*n*>
[Range]	$0 \leqq n \leqq 31$
[Description]	Set character right spacing with half dot unit. *n* indicates number of dots, add up spacing amount of *n* dots share to right of character. Therefore the character width become to following table.
[Default]	*n* = 0

ESC d *n*

[Name]	Print and feed paper n line
[Format]	< 1B>H<64>H<*n*>
[Range]	$0 \leqq n \leqq 255$
[Description]	Print and feed paper n lines

ESC ! *n*

[Name] Set print mode collectively
[Format] < 1B>H<21>H<*n*>
[Range] 0≦*n*≦255
[Description] Set print mode.
Each bit of *n* is used as follows.

Bit	Function	Value	
		0	1
0	Not defined		
1	Not defined		
2	Not defined		
3	Highlighting	Cancellation	Set
4	Not defined		
5	Double-width	Cancellation	Set
6	Not defined		
7	Not defined		

[Default] *n* = 1

ESC 2

[Name] Setting of the 1/6 inch line feed spacing.
[Format] < 1B>H<32>H
[Description] Sets the line-feeding amount to 1/6 inch for each line.

ESC 3 *n*

[Name] Setting of line feeding amount in minimum paper feeding pitch units.
[Format] < 1B>H<33>H<*n*>
[Range] 0≦*n*≦255
[Description] Sets the line-feeding amount to n/203 inch for each line.
[Default] *n* = 34

ESC J *n*

[Name] Printing and paper feeding in minimum pitch units.
[Format] < 1B>H<4A>H<*n*>
[Range] 0≦*n*≦255
[Description] Printing the data in the printer buffer and feeding paper of n/203 inch.

ESC E

[Name] Specifying/releasing of the highlighting
[Format] < 1B>H<44>H<*n*>
[Range] 0≦*n*≦1
[Description] *n*=0, releasing of the highlight printing.
n=1, specifying of the highlight printing.
[Reference] **ESC !**
[Default] *n* = 0

ESC G

[Name] Specifying/releasing of the double printing
[Format] < 1B>H<47>H<*n*>
[Range] 0≦*n*≦1
[Description] *n*=0, releasing of the double printing.
n=1, specifying of the double printing.
[Reference] **ESC E**
[Default] *n* = 0

ESC v

[Name] Sending of the printer status
[Format] < 1B>H<76>H
[Description] The status that is sent will be 1 byte of data, and the contents will be as show in the table below.

Bit	Function	Value	
		0	1
0	Paper near-end	Paper present	No paper
1	Not defined		
2	Paper end	Paper present	No paper
3	Not defined		
4	Not defined	Fixed at 0	
5	Not defined		
6	Not defined		
7	Not defined		

ESC u 0

[Name] Sending of the printer status
[Format] < 1B>H<75>H<30>H
[Description] Send the status for connector pin 3 of the drawer.

Bit	Function	Value	
		0	1
0	Level of pin No. 3	'L'	'H'
1	Not defined		
2	Not defined		
3	Not defined		
4	Not defined	Fixed at 0	
5	Not defined		
6	Not defined		
7	Not defined		

ESC R *n*

[Name] Selection of international character
[Format] < 1B>H<52>H<*n*>
[Range] $0 \leqq n \leqq 10$

n	Character set	*n*	Character set
0	U.S.A	7	Spain
1	France	8	Japan
2	Germany	9	Norway
3	U.K.	10	Denmark II
4	Denmark I	11	Spain II
5	Sweden	12	Latin America
6	Italy	13	Korea

ESC t *n*

[Name] Select the character code table
[Format] < 1B>H<74>H<*n*>
[Range] 0≦*n*≦9

n	Character Code Table	*n*	Character Code Table
0	PC437	5	PC865
1	Katakana	6	PC852
2	PC858	7	PC866
3	PC860	8	PC857
4	PC863	9	Windows Codepage

ESC a *n*

[Name] Selection of printing position justification
[Format] < 1B>H<61>H<*n*>
[Range] 0≦*n*≦2
[Description] Aligns all the printing data on one line to the specified position.
This command will only be valid when is has been input at the beginning of line.

n	Position
0	Left end aligning
1	Centering
2	Right end aligning

ESC p *m n1 n2*

[Name] Specified pulse generation for drawer kick-out
[Format] < 1B>H<70>H<*m*><*n1*><*n2*>
[Range] 0≦*m*≦1, 0≦*n1*≦*n2*≦255
[Description] The ON time will be *n1* x 2 ms, and the off time will be *n2* x 2 ms.

m	Connector Pin
0	Drawer kick No.2 pin (drawer 1)
1	Drawer kick No.5 pin (drawer 2)

ESC * *m n1 n2 [<d>]k*

[Name] Specifying of the bit image mode

[Format] < 1B>H<2A>H<*m*><*n1*><*n2*>[<*d*>]*k*

[Range] *m=0,1,32,33, 0≦n1≦255, 0≦n2≦3, 0≦d≦255*

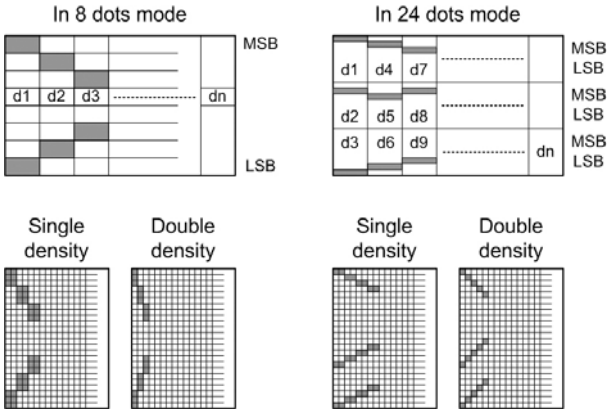
k= n1 + 256 x n2 (m= 0,1)

k= (n1 + 256 x n2) x 3 (m= 32,33)

[Description] This command specifies the bit image of mode *m* with regard to the number of dots specified *n1* and*n2.*

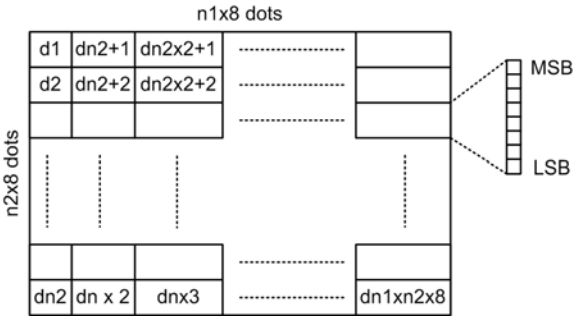
- The number of dots for printing will be divided by 256, and the quotient will become *n2* with the remainder becoming *n1*. Accordingly, the number of dots in the horizontal direction will be *n1_256 x n2*.
- In a situation where the bit image data input exceeds the dot position that are capable of being printed on one line, the portion of data in excess will be rejected for reading.
- d is the bit image data. When the data to be printed, the corresponding bit should be set to 1, and data which not to be printed should have the corresponding bit set to 0.

m	Mode	Vertical direction		Horizontal direction	
		Number of dots	Dot density	Dot density	Max. number of dots
0	8-dots single density	8	60dpi	100dpi	224
1	8-dots double density	8	60dpi	203dpiI	448
32	24-dots single density	24	203dpi	100dpi	224
33	24-dots double density	24	203dpi	203dpiI	448



GS * n1 n2 <d> n1 x n2 x 8

[Name] Define of the downloading / bit image
[Format] < 1D>H<2A>H<*n1*><*n2*>[<*d*>] *n1 x n2 x 8*
[Range] *0≦n1≦255*
0≦n2≦48
n1 x n2≦1300
[Description] Specifies the downloading/bit image using the number of dots specified by *n1* and *n2*.
The number of dots in the horizontal direction will be n1x8, and the number dots in the vertical direction will be n2x8, d is the bit image data.
After the downloading/bit image has been defined, the definition will be effective until redefinition, or until the ESC @ or until the power is switched off.



GS / *m*

[Name] Printing of the downloading / bit image
[Format] < 1D>H<2F>H<*m*>
[Range] *0≦m≦255*
[Description] Printing the downloading/bit image using the mode specified by m.

m	Mode name	Dot density in the vertical direction	Dot density in the horizontal direction
0,48	Normal mode	203dpi	203dpi
1,49	Double wide mode	203dpi	100dpi
2,50	Double height mode	100dpi	203dpi
3,51	Double wide and double height mode	100dpi	100dpi

GS w *n*

[Name] Selection of bar code width (enlargement rate)
[Format] < 1D>H<77>H<*n*>
[Range] *2≦n≦4*
[Description] n indicates the number of the fine element width.

GS h *n*

[Name] Selection of bar code height
[Format] < 1D>H<68>H<*n*>
[Range] *1≦n≦255*
[Description] n indicates the number of dots in the vertical direction.

GS k *n [d]k NUL*

[Name] Selection of bar code height
[Format] < 1D>H<6B>H<*n*> *[d] k <00>H*
[Range] *0≦n≦7*
[Description] d indicates the characters for printing, and k shows the number of characters for printing.

n	Barcode type	Bytes k
0	UPC-A	*k*=12
1	UPC-E	*k*=7
2	EAN-13	*k*=12 or *k*=13
3	EAN-8	*k*=7 or *k*=8
4	CODE 39	*2≦K≦14*

9. 字碼表

9.1 國際字型組合

	Country	ASCII (Hexadecimal notation)											
		23	24	40	5B	5C	5D	5E	60	7B	7C	7D	7E
0	USA	#	$	@	[	\	]	^	`	{	|	}	~
1	France	#	$	à	°	ç	§	^	`	é	ù	è	¨
2	Germany	#	$	§	Ä	Ö	Ü	^	`	ä	ö	ü	β
3	U.K.	£	$	@	[	\	]	^	`	{	|	}	~
4	Denmark I	#	$	@	Æ	Ø	Å	^	`	æ	ø	å	~
5	Sweden	#	¤	É	Ä	Ö	Å	Ü	é	ä	ö	å	ü
6	Italy	#	$	@	°	\	é	^	ù	à	ò	è	ì
7	Spain I	Pt	$	@	¡	Ñ	¿	^	`	¨	ñ	}	~
8	Japan	#	$	@	[	¥	]	^	`	{	|	}	~
9	Norway	#	¤	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
10	Denmark II	#	$	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
11	Spain II	#	$	á	¡	Ñ	¿	é	´	í	ñ	ó	ú
12	Latin America	#	$	á	¡	Ñ	¿	é	ü	í	ñ	ó	ú
13	Korea	#	$	@	[	₩	]	^	´	{	|	}	~

9.2 Code Page: 00H to 7FH

	00	10	20	30	40	50	60	70
0	NUL	DLE	(SP)	0	@	P	`	p
1		XON	!	1	A	Q	a	q
2			“	2	B	R	b	r
3		XOF	#	3	C	S	c	s
4	EOT	DC4	$	4	D	T	d	t
5	ENQ		%	5	E	U	e	u
6			&	6	F	V	f	v
7			‘	7	G	W	g	w
8		CAN	(	8	H	X	h	x
9	HT		)	9	I	Y	i	y
A	LF		*	:	J	Z	j	z
B		ESC	+	;	K	[	k	{
C	FF	FS	,	<	L	\	l	|
D	CR	GS	-	=	M	]	m	}
E			.	>	N	^	n	~
F			/	?	O	_	o	(SP)

9.3 Code Page: PC437 (USA, European Standard)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	á	▒	└	╨	α	≡
1	ü	æ	í	▒	┴	╤	β	±
2	é	Æ	ó	▓	┬	╥	Γ	≥
3	â	ô	ú	│	├	╙	π	≤
4	ä	ö	ñ	┤	─	╘	Σ	⌠
5	à	ò	Ñ	╡	┼	╒	σ	⌡
6	å	û	ª	╢	╞	╓	µ	÷
7	ç	ù	º	╖	╟	╫	τ	≈
8	ê	ÿ	¿	╕	╚	╪	Φ	○
9	ë	Ö	⌐	╣	╔	┘	θ	●
A	è	Ü	¬	║	╩	┌	Ω	•
B	ï	¢	½	╗	╦	█	δ	√
C	î	£	¼	╝	╠	▄	∞	ⁿ
D	ì	¥	¡	╜	═	▌	Ø	²
E	Ä	Pt	«	╛	╬	▐	∈	■
F	Å	ƒ	»	┐	╧	▀	∩	(SP)

9.4 Code Page: Katakana (Japanese)

	80	90	A0	B0	C0	D0	E0	F0
0	⎯	┴		－	タ	ミ	=	×
1	⎯	┬	。	ア	チ	ム	╞	円
2	▬	┤	┌	イ	ツ	メ	‡	年
3	▬	├	┘	ウ	テ	モ	╡	月
4	▬	─	、	エ	ト	ヤ	◢	日
5	▬	⎯	,	オ	ナ	ユ	◣	時
6	▬	‖	ヲ	カ	ニ	ヨ	◥	分
7	■	│	ァ	キ	ヌ	ラ	◤	秒
8	▌	┌	ィ	ク	ネ	リ	♠	〒
9	▌	┐	ゥ	ケ	ノ	ル	♥	市
A	▌	└	ェ	コ	ハ	レ	♦	区
B	▌	┘	ォ	サ	ヒ	ロ	♣	町
C	▌	⎛	ャ	シ	フ	ワ	●	村
D	▌	⎞	ュ	ス	ヘ	ン	○	人
E	▌	⎝	ョ	セ	ホ	゛	／	▒
F	┼	⎠	ッ	ソ	マ	゜	＼	(SP)

9.5 Code Page: PC850 (Multilingual)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	á	░	└	ð	Ó	–
1	ü	æ	í	▒	┴	Ð	ß	±
2	é	Æ	ó	▓	┬	Ê	Ô	=
3	â	ô	ú	│	├	Ë	Ò	¾
4	ä	ö	ñ	┤	─	È	õ	¶
5	à	ò	Ñ	Á	┼	€	Õ	§
6	å	û	a	Â	ã	Í	µ	÷
7	ç	ù	o	À	Ã	Î	þ	¸
8	ê	ÿ	¿	©	╚	Ï	Þ	°
9	ë	Ö	®	╣	╔	┘	Ú	¨
A	è	Ü	¬	║	╩	┌	Û	•
B	ï	ø	½	╗	╦	█	Ù	¹
C	î	£	¼	╝	╠	▄	ý	³
D	ì	Ø	¡	¢	═	¦	Ý	²
E	Ä	×	«	¥	╬	Ì	¯	■
F	Å	ƒ	»	┐	¤	▀	´	(SP)

9.6 Code Page: PC860 (Portuguese)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	á	░	└	⊥	α	≡
1	ü	À	í	▒	┴	╤	β	±
2	é	È	ó	▓	┬	╥	Γ	≥
3	â	ô	ú	│	├	╙	π	≤
4	ã	õ	ñ	┤	─	╘	Σ	⌠
5	à	ò	Ñ	╡	┼	╒	σ	⌡
6	Á	Ú	a	╢	╞	╓	µ	÷
7	ç	ù	o	╖	╟	╫	τ	≈
8	ê	Ì	¿	╕	╚	╪	Φ	○
9	Ê	Õ	Ò	╣	╔	┘	θ	●
A	è	Ü	¬	║	╩	┌	Ω	•
B	Í	¢	½	╗	╦	█	δ	√
C	Ô	£	¼	╝	╠	▄	∞	ⁿ
D	ì	Ù	¡	╜	═	▌	Ø	²
E	Ã	Pt	«	╛	╬	▐	∈	■
F	Â	Ó	»	┐	╧	▀	∩	(SP)

9.7 Code Page: PC863 (Canadian-French)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	¦	░	└	⊥	α	≡
1	ü	È	´	▒	┴	╤	β	±
2	é	Ê	ó	▓	┬	╥	Γ	≥
3	â	ô	ú	│	├	╙	π	≤
4	Â	Ë	¨	┤	─	╘	Σ	⌠
5	à	Ï	›	╡	┼	╒	σ	⌡
6	¶	û	³	╢	╞	╓	µ	÷
7	ç	ù	¯	╖	╟	╫	τ	≈
8	ê	¤	Î	╕	╚	╪	Φ	○
9	ë	Ô	⌐	╣	╔	┘	θ	●
A	è	Ü	¬	║	╩	┌	Ω	•
B	ï	¢	½	╗	╦	█	δ	√
C	î	£	¼	╝	╠	▄	∞	ⁿ
D	=	Ù	¾	╜	═	▌	Ø	²
E	À	Û	«	╛	╬	▐	∈	■
F	§	ƒ	»	┐	╧	▀	∩	(SP)

9.8 Code Page: PC865 (Nordic)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	á	░	└	⊥	α	≡
1	ü	æ	í	▒	┴	╤	β	±
2	é	Æ	ó	▓	┬	╥	Γ	≥
3	â	ô	ú	│	├	╙	π	≤
4	ä	ö	ñ	┤	─	╘	Σ	⌠
5	à	ò	Ñ	╡	┼	╒	σ	⌡
6	å	û	a	╢	╞	╓	µ	÷
7	ç	ù	o	╖	╟	╫	τ	≈
8	ê	ÿ	¿	╕	╚	╪	Φ	°
9	ë	Ö	⌐	╣	╔	┘	θ	●
A	è	Ü	¬	║	╩	┌	Ω	·
B	ï	ø	½	╗	╦	█	δ	√
C	î	£	¼	╝	╠	▄	∞	ⁿ
D	ì	Ø	¡	╜	═	▌	ø	²
E	Ä	Pt	«	╛	╬	▐	∈	■
F	Å	ƒ	¤	┐	╧	▀	∩	(SP)

9.9 Code Page: PC852 (Eastern Europe)

	80	90	A0	B0	C0	D0	E0	F0
0	ç	É	á	░	└	đ	Ó	
1	ü	Ĺ	Í	▒	┴	Đ	ß	˝
2	é	Í	ó	▓	┬	Ď	Ô	˛
3	â	ô	ú	│	├	Ë	Ń	ˇ
4	ä	ö	Ą	┤	─	ď	ń	˘
5	ů	Ľ	ą	Á	┼	Ň	ň	§
6	ć	Ě	Ž	Â	Ă	Í	Š	÷
7	ç	Ś	ž	Ě	ă	Î	š	¸
8	ł	ś	Ę	Ş	╚	ě	Ŕ	°
9	ë	Ö	ę	╣	╔	┘	Ú	¨
A	Ő	Ü		║	╩	┌	ŕ	•
B	ő	Ť	ź	╗	╦	█	Ű	ű
C	î	ť	Č	╝	╠	▄	ý	Ř
D	Ź	Ł	ş	Ż	═	Ţ	Ý	ř
E	Ä	×	«	ż	╬	Ů	ţ	■
F	Ć	č	»	ı	¤	▀	´	(SP)

9.10 Code Page: PC866 (Russian)

	80	90	A0	B0	C0	D0	E0	F0
0	А	Р	а	░	└	╨	р	Ё
1	Б	С	б	▒	┴	╤	с	ё
2	В	Т	в	▓	┬	╥	т	Е
3	Г	У	г	│	├	╙	у	є
4	Д	Ф	д	┤	─	╘	ф	Ї
5	Е	Х	е	╡	┼	╒	х	ї
6	Ж	Ц	ж	╢	╞	╓	ц	Ў
7	З	Ч	з	╖	╟	╫	ч	ў
8	И	Ш	и	╕	╚	╪	ш	○
9	Й	Щ	й	╣	╔	┘	щ	•
A	К	Ъ	к	║	╩	┌	ъ	·
B	Л	Ы	л	╗	╦	█	ы	√
C	М	Ь	м	╝	╠	▄	ь	Na
D	Н	Э	н	╜	═	▌	э	¤
E	О	Ю	о	╛	╬	▐	ю	■
F	П	Я	п	┐	╧	▀	я	(SP)

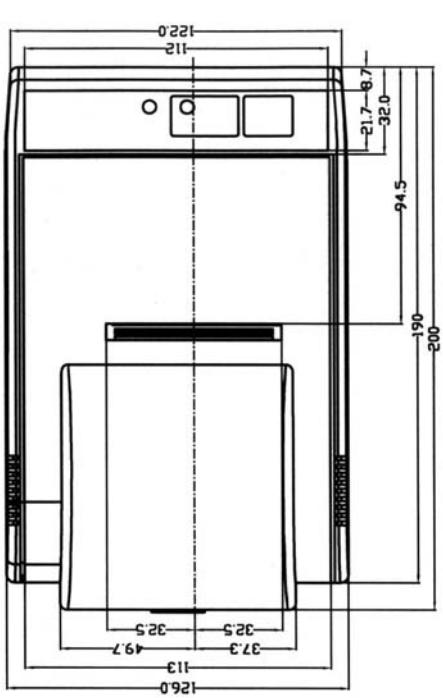
9.11 Code Page: PC857 (Turkish)

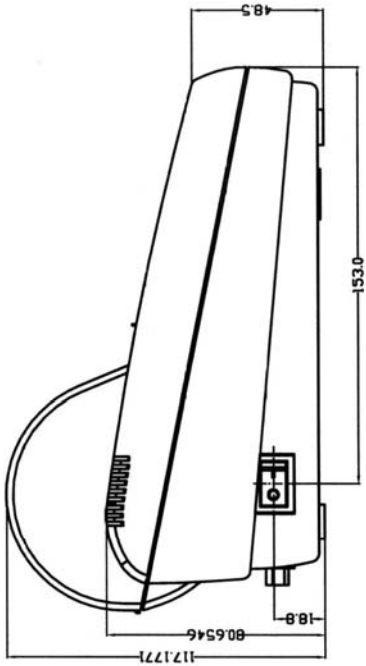
	80	90	A0	B0	C0	D0	E0	F0
0	Ç	É	á	░	└	º	Ó	-
1	ü	æ	Í	▒	┴	ª	ß	±
2	é	Æ	ó	▓	┬	Ê	Ô	
3	â	ô	Ú	│	├	Ë	Ò	¾
4	ä	ö	ñ	┤	─		õ	¶
5	à	ò	Ñ	Á	┼		Õ	§
6	å	û	Ğ	Â	ã	Í	µ	+
7	ç	ù	ğ	À	Ã	Î		¸
8	ê	±	¿	©	╚	Ï	×	○
9	ë	Ö	®	╣	╔	┘	Ú	¨
A	è	Ü	¬	║	╩	┌	Û	•
B	ï	ø	½	╗	╦	█	Ù	¹
C	î	£	¼	╝	╠	▄	ì	³
D	¦	Ø	¡	¢	═	Ţ	Ÿ	²
E	Ä	□	“	¥	╬	Ì	¯	■
F	Å	□	”	ı	¤	▀	´	(SP)

9.12 Windows Code Page

	80	90	A0	B0	C0	D0	E0	F0
0	€			°	À	Ð	à	ð
1		‘	Í	±	Á	Ñ	á	ñ
2	,	’	¢	²	Â	Ò	â	ò
3	*f*	“	£	³	Ã	Ó	ã	ó
4	„	”	¤	´	Ä	Ô	ä	ô
5	…	•	¥	µ	Å	Õ	å	õ
6	†	–	¦	¶	Æ	Ö	æ	ö
7	‡	—	§	·	Ç	×	ç	÷
8	ˆ	~	¨	¸	È	Ø	è	ø
9	‰	TM	©	¹	É	Ù	é	ù
A	Š	š	ª	º	Ê	Ú	ê	ú
B	‹	›	«	»	Ë	Û	ë	û
C	Œ	œ	¬	¼	Ì	Ü	ì	ü
D			-	½	Í	Ý	í	ý
E			®	¾	Î	Þ	î	þ
F		Ÿ	—	¿	Ï	ß	ï	ÿ

10. 外觀尺寸


122.0
112
8.7
21.7
32.0
94.5
190
200
32.5
32.5
37.3
49.7
113
126.0


48.5
153.0
18.8
80.6546
117.1771